

## Active Recombinant Feline CD4, His-tagged

Cat. No. CD4-634F Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Feline CD4 (Accession # NP_001009250) Met1-Leu413 (Lys20Glu, Ser84Cys, Val103Ile, Asn115Asp, Ser142Thr, Ser169Gly & insertions of SerThr between Thr148 and Ser149 ), fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Feline
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	1-413 a.a.
<b>Predicted N Terminal</b>	Ala22
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. The ED50 for this effect is typically 0.1 - 0.5 µg/mL after a 1 hour incubation at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
<b>Molecular Mass</b>	Recombinant Feline CD4, His-tagged has a calculated MW of 43.3 kDa. In SDS-PAGE migrates as 45-55 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.

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**Storage**

Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

**GENE INFORMATION****Gene Name**CD4 CD4 molecule [ *Felis catus* (domestic cat) ]**Official Symbol**

CD4

**Synonyms**

CD4; T-cell surface glycoprotein CD4; CD4 antigen; CD4 molecule

**Gene ID**

493775

**mRNA Refseq**

NM\_001009250

**Protein Refseq**

NP\_001009250

**MIM****Chromosome  
Location**

B4

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